

NEW TRIBES IN ASTERACEAE

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ABSTRACT

The tribal names *Corymbieae*, *Gymnarrheneae*, *Hecastocleideae*, *Pertyeae*, and *Wunderlichieae* were not validly published for lack of Latin descriptions. We validate these names here with short Latin descriptions. *Phytologia* 91(3):568-570 (December, 2009).

KEY WORDS: *Compositae*, *Corymbieae*, *Gymnarrheneae*, *Hecastocleideae*, *Pertyeae*, *Wunderlichieae*.

The original publication of tribes *Corymbieae*, *Gymnarrheneae*, *Hecastocleideae*, *Pertyeae* and *Wunderlichieae* shared Latin diagnoses with their corresponding subfamilies *Corymbioideae*, *Gymnarrhenoideae*, *Hecastocleidoideae*, *Pertyoideae* and *Wunderlichioideae* (Panero and Funk, 2002; 2007). It has been brought to our attention that a Latin description cannot be used to validate two names. We herein include a Latin diagnosis for the tribal names.

Corymbieae Panero & V.A. Funk, **tribus nov.** Type: *Corymbium* L.
Corymbieae Panero & V.A. Funk, Proc. Biol. Soc. Wash. 115: 910.
2002, *nom. nud.*

Tribus subfamiliae *Corymbioideae*, plantae in foliis sessilibus et in laminis conduplicatis. Capitula uniflora, bracteis involucri biseriatis, dimorphis, bracteis interioribus 2, involutes; limbis corollarum salverformibus.

The tribe is monogeneric.

Gymnarrheneae Panero & V. A. Funk, **tribus nov.** Type: *Gymnarrhena* Desf. *Gymnarrheneae* Panero & V. A. Funk, Proc. Biol. Soc. Wash. 115: 912. 2002, *nom. nud.*

Tribus subfamiliae Gymnarrhenoideae, herbae perennes rosettifformes. Capitulis subterraneis et aerae; achaeniis dimorphis.

The tribe is monogeneric.

Hecastocleideae Panero & V.A. Funk, **tribus nov.** Type: *Hecastocleis* A. Gray. *Hecastocleideae* Panero & V. A. Funk, Proc. Biol. Soc. Wash. 115: 914, 2002, *nom. nud.*

Tribus subfamiliae Hecastocleidoideae, capitulescentiis biordinatis in capitulis solitariis in bracteis spiniferis.

The tribe is monogeneric.

Pertyeae Panero & V.A. Funk, **tribus nov.** Type: *Pertya* Schultz-Bip. *Pertyeae* Panero & V.A. Funk, Proc. Biol. Soc. Wash. 115: 915. 2002, *nom. nud.*

Tribus subfamiliae Pertyoideae, corollis lobis profunde dissectis variabiliter connatis distinctae

The tribe contains six genera: *Ainsliaea* DC., *Catamixis* Thoms. (see Panero, 2008), *Diaspananthus* Miq. (sometimes included in *Ainsliaea*, see Freire, 2007), *Macroclinidium* Maxim., *Myripnois* Bunge, and *Pertya* Schultz-Bip.

Wunderlichieae Panero & V.A. Funk, **tribus nov.** Type:
Wunderlichia Riedel ex Benth. & Hook. f. *Wunderlichieae* Panero &
V.A. Funk, Phytologia 89: 357. 2007, *nom. nud.*

Tribus subfamiliae Wunderlichioideae (in combinatione) foliis crasse coriaceis aut deciduis, corollis grandibus tubis antherarum exsertis, corollis plerumque actinomorphis, capitulis phyllariis multiseriatis, stylis brachiis papillatis aut laevibus, et cypselis plerumque cylindricis 10-nervatis.

The tribe contains four genera: *Chimantaea* Maguire, Steyerm. & Wurdack, *Stenopadus* S.F. Blake, *Stomatochaeta* (S.F. Blake) Maguire & Wurdack, and *Wunderlichia* Riedel ex Benth. & Hook. f.

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